




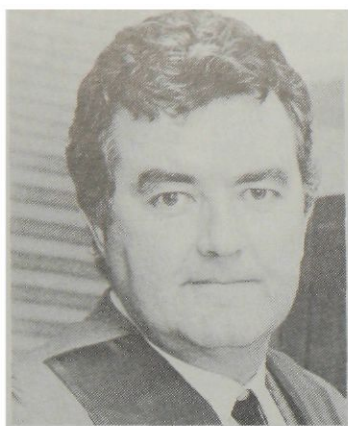
THE UNIVERSITY OF WOLLONGONG GAZETTE

Vol. 7, No. 2 July-August 1989

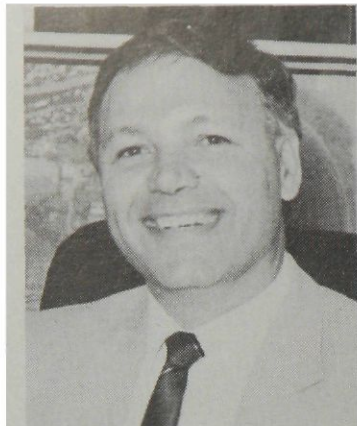
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A photograph of a young man with short brown hair, wearing a grey textured sweater and light-colored trousers. He is standing in a dark space, possibly a rehearsal room, with a metal railing in front of him. He is holding a blue and black microphone in his right hand. To his left, there is a black piece of equipment, possibly a mixer or amplifier, with various cables connected to it. The background is dark and indistinct.

The School of Creative Arts is active in theatre, regularly putting on plays and concerts in Wollongong. This student is studying theatre technique. He is seen here photographing a rehearsal in the new Performance Space (see page 3, col 3)



Professor Ian Chubb



Mr Ken Baumber



Mr Jim Langridge



Professor Lauchlan Chipman

Blueprint for the Future

University moves to meet the winds of change

During the month of June important changes were announced to the higher tiers of the University's administrative structure. They became effective on July 1.

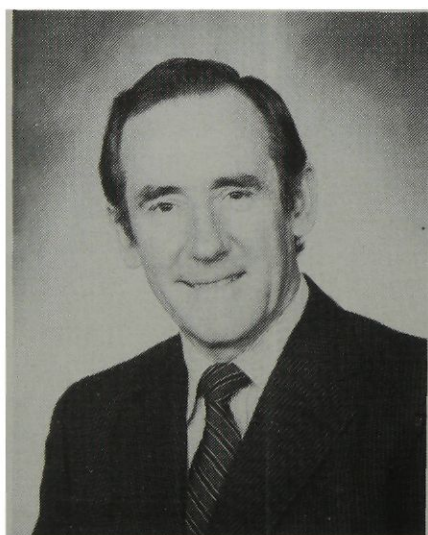
Chief among them were the Vice-Chancellor, Professor Ken McKinnon, becoming Vice-Chancellor and Principal, with his responsibilities as Vice-Chancellor being to academic affairs and as Principal to the management of the University as a whole.

Deputy Vice-Chancellor Professor Ian Chubb retains his present roles in the areas of academe and research.

Mr Ken Baumber, previously designated University Secretary, becomes Vice-Principal (Administration). His role will be very largely as it was. That is to say, he will continue to be responsible (to the Vice-Chancellor) for the day-by-day running of the University. All branches will report to him.

Highly significant but hardly unexpected is Mr Jim Langridge's promotion.

Previously Deputy University Secretary and Business Manager, he is now Vice-Principal (Development). In this expanded role he will be responsible to the Vice-Chancellor for



Professor Ken McKinnon

University finances, business and commercial developments, the growing areas of international affairs, marketing, information systems and capital developments. He will gradually withdraw from the daily management of the University's financial affairs

(which will become the responsibility of Ms Susan Smith).

Meanwhile the position of Deputy Vice-Chancellor (Services and Development) was allowed to lapse with the retirement (after nearly ten years service to the University) of Professor Peter Rousch. A brief resume of Professor Rousch's career appears on the facing page.

Completing the series of moves is the appointment as Pro Vice-Chancellor of Professor Lauchlan Chipman, who will be directly responsible to Professor Ian Chubb. His role in this period of developmental growth will be tremendously taxing—as he himself put it in a humorous aside to the *Gazette* when he was moving into his new room in the administration building—'a sentence with no remission for good behaviour'.

What the changes mean in fact is that the University is doing almost exactly what Mr Dawkins and the White Paper on Higher Education are demanding, while moving forward with a tightly-knit, cohesive and dynamic team and facing up to the uncertain challenges of the future.

The Gazette

The *Gazette* is published by The University of Wollongong in May, August, October and December.

The content is chiefly concerned with University research but other University news and developments are given a place, too.

The journal is distributed to all graduates of the University, and to the Friends of the University as well as of course to staff. Copies are also sent to certain government instrumentalities and appropriate sections of the media.

Centre for Transport Analysis goes offshore

The University of Wollongong's involvement in Australia's shipping problems has taken another step forward since the previous issue of the *Gazette* highlighted the report of the Centre for Transport Policy Analysis on the adverse impact of Australian flag shipping on the national balance of payments.

For the past few months the activities of the CFTPA in South-east Asia and the Far East have intensified. After lengthy discussion in Bangkok in March, the Centre was invited to work with the United Nations ESCAP in its regional Strategy Study—a major initiative in its regional maritime strategy. This is a major UN measure to help developing

countries in the region (from Korea in the north to Iran in the east, including the countries of South-east Asia and the Pacific Islands groups) to upgrade their shipping and port strategies.

The Centre is to undertake the development of a complex shipping network model—one of three being developed—to help with maritime planning.

The importance of the project will be appreciated when it is understood that another model—of port operations—is being completed by a large Japanese research institute and a trade model is being designed by a Norwegian institute.

Peter Rousch takes a break

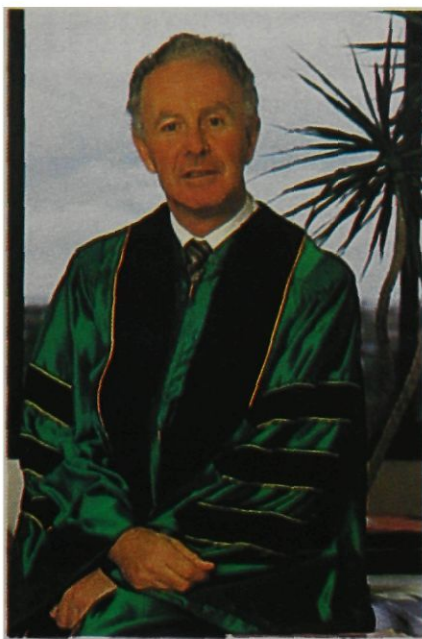
Professor Peter Desmond Rousch, BA, BEd, Melb., PhD, Wayne State, FACE, FAIM, retired from his position as Deputy Vice-Chancellor of The University of Wollongong on Friday, July 7, bringing to a close an association which has lasted for almost ten years.

Professor Rousch was a teacher in Victoria before becoming a research officer in curriculum. He became Senior Lecturer at Canberra College of Advanced Education and then Dean of Education at Riverina College of Advanced Education. In 1970 his being awarded the annual PhD fellowship by the Victorian Department of Education as the State's most outstanding teacher and academic presented him with an opportunity to undertake studies in psycholinguistics in the USA.

In 1979 he was Visiting Professor at the University of Arizona, before becoming Director of the then Wollongong Institute of Education. Then in 1981, on its amalgamation with the University, he became Director of the Institute and Professor of the University.

Although in recent years his educational contributions have been in consulting and administration, Professor Rousch established an international reputation for his research in literacy. He was on the World Reading Congress Committee for Oceania (in 1983) and was a consultant to the Australian Universities' International Development program.

A university professor and lecturer in Teaching English as a Second Language, and an acknowledged expert in the field, Professor Rousch made many visits to overseas countries, particularly those of South-east Asia, where he represented The University of Wollongong on a number of missions. He was founding Managing



Professor Rousch

Director of The Wollongong English Language Centre in The University of Wollongong.

In 1983 Professor Rousch was made a Fellow of the Australian College of Education. The College was founded in 1959 as a professional institution to foster educational thought and practice and promote the ethics of high professional responsibility. It is an Australia-wide organisation which includes all fields of education. The category of Fellow is reserved for a small group who have made outstanding and distinguished contributions to education.

He does not plan to sever his ties with Wollongong University as he will be undertaking consultancy work for the Technology Centre as well as continuing to teach children with learning problems.

Seats Needed Urgently for University Performance Space

The new University Performance Space is completed and ready for performances. As this facility has been provided by the University from its own finance system, funding to furnish and complete the building was limited. Seating was not provided for in the budget, and the School of Creative Arts has undertaken to help raise funds towards the project. The flexible system of tiered seating of a similar type to that used in the Adelaide Festival Theatre will cost \$40,000.

We are seeking generous support for this project by asking friends to donate a seat to the theatre. A donation of \$400 will purchase one seat. Alternatively, friends might wish to make a joint donation with a partner or a donation as a family group.

A number of people have already made donations in response to our last letter.

In recognition of their gift:

- Donors will have their names recorded on a brass plaque in the foyer of the building, and on the back of a seat.
- Each full donation will attract a 12-month double pass to all theatre productions of the School, whether they are mounted at the new space or at the Bridge Theatre.
- After this time a donor will be given first choice of booking his or her own seat for performance before it is offered to the public.

Donations are tax deductible and should be sent to Dr Peter Shepherd, Head, School of Creative Arts, University of Wollongong, PO Box 1144, Wollongong, NSW 2500.

University Team gives first Technical Course in Wuhan

A team from The University of Wollongong was recently commissioned by AIDAB to give the inaugural technical course at the Australia-China Iron and Steel Industry Training Centre in Wuhan, Hubei Province, People's Republic of China—a \$15 million project.

The course topic, chosen for its wide applicability and generality in the industry, was *Granular Materials—Properties and Applications*. It covered activities from the mine to the blast furnace.

Team members were Assoc. Prof. Nick Standish, Department of Materials Engineering (course leader), Dr Peter Standish, Department of Civil and Mining Engineering (computer applications), and Aibing Yu, PhD Student, Department of Materials Engineering (course assistant).

The course was attended by 26 people from the various sections of the industry, e.g., mining, mineral processing, sintering, refractories, coke-making, ironmaking and others representing ten different steelworks around the country.

Education Policy in Australia

The shifting balance of power and accountability

AN invitational conference organised by NSW Department of Education, the School of Policy and Technology Studies in Education of The University of Wollongong and the US-Australia Education Policy Project was held in Sydney from July 5 to 7. The conference, opened by Mr Justice Hope, Chancellor of The University of Wollongong, aimed at furthering the knowledge and understanding of the reasons underpinning the shifting balance of power and accountability observed in Australian education policy.

The conference brought together eminent speakers from overseas and from Commonwealth and State government, education departments, ministries, regional offices, colleges and universities, business, trade unions and the media. The participants were

as varied as the speakers. Senior officers from State governments, from DEET and NBEET, NSW Labor Council, independent schools, parents groups, Teachers' Federation, business, schools and higher education and postgraduate students of the Education Policy Program of the School of Policy and Technology Studies, all contributed to the success of the conference.

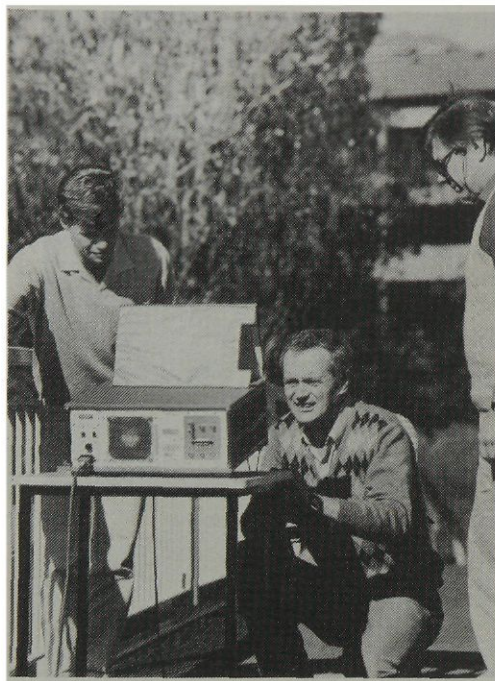
As anticipated by Professor R. Winder in his opening address, the presentations and discussions—very diverse and at times controversial—drew a picture of today's education as a highly complex, fluid, dynamic system. Contributions from all of the speakers and participants contributed to a very lively debate which promises to have wide implications for the future understanding of education policy in Australia.

DYNAMIC INVESTIGATION OF FOOTBRIDGES

The course of Civil Engineering includes a number of elective subjects and a choice made by students reflects a direction in which they have decided to work after graduation. The selection of a thesis topic described here was made after discussion with the Roads and Traffic Authority, which saw it as potentially beneficial to both the University and the Authority.

The project, in the field of structural dynamics and one of several links to industry needs, is a current thesis topic in the Department of Civil and Mining Engineering for a Bachelor of Engineering degree. When compared with other universities in Australia, the Department has unique dynamic components in its course. Several of its academic staff are also pursuing research in the field. A situation is thus favourable for utilisation of several major components. The combination includes student interest; the need to investigate a particular aspect in bridge design generated by industry; and interest and expertise in the problem area from an academic staff member. It resulted in an investigation of improvement in footbridge-design procedures.

Some steel footbridges have under excitation minor serviceability performance problems produced by (for example) joggers. That is to say a bridge, while perfectly safe, will have larger amplitudes of deformations which are perceived as uncomfortable by a person standing on it. Because of a trend for slender, aesthetically pleasing design, further reduction of mass in future years (due to increase in the quality of steel) is anticipated. Consequently this project was considered as



On the bridge. On the left is Mr Colin Goodger; kneeling is Dr Richard Kohoutek

worth while, not only for existing footbridges, but mainly for future improved design. Three footbridges were selected for the project, with a range of different support conditions.

All bridges are during their lives subjected to dynamic loads. This fact has been recognised for the past 100 years, where the dynamic load is produced by traffic and pedestrians. However, because of difficulties with a dynamic analysis of such structures, the

current design practice is considering all loads as static (with some allowance for a dynamic effect) by increasing a load by the dynamic factor. An improvement of this existing practice for a design of footbridges is the general aim of the thesis, 'Dynamic consideration of a Design of Footbridges'.

The first aim of the thesis is to produce design procedures with a dynamic analysis which could reliably predict natural frequencies of a footbridge. This prediction ability of natural frequencies should avoid a situation where a single jogger could excite a bridge of a mass of about 15 tonnes.

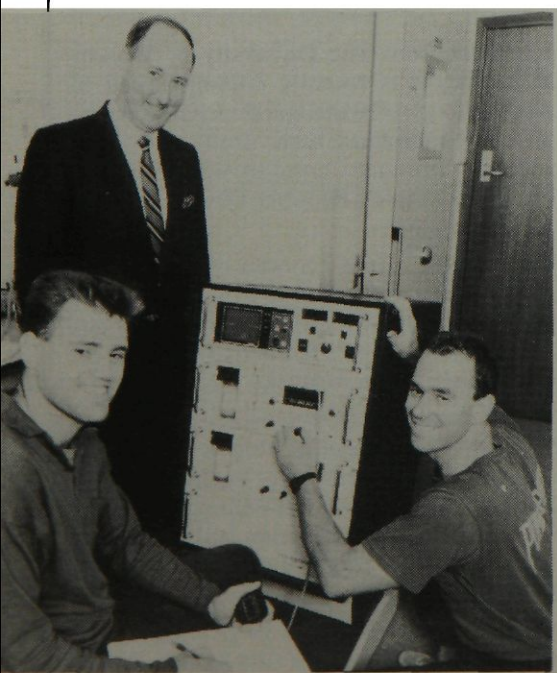
In the process of verification, the dynamic analysis applied to the three structures under investigation, measurement of existing bridges is recognised being essential for the validation of the theory.

All three bridges were tested with permission of the Roads and Traffic Authority; and the experimental results compared with the analysis performed.

There were small differences between calculated and measured frequency for each bridge which successfully verified the theory applied. This first step will allow a prediction of the serviceability problem in a design stage.

The second aim is to propose some modification to the existing structures to improve serviceability performance. This part of the project is still in progress with an indication of promising results.

Mr Colin Goodger worked at the Roads and Traffic Authority during vacation. A copy of his thesis will be made available to the Authority at its request.



Standing is Mr Barry Kelly, General Manager of the Illawarra Credit Union, while at left is Scott Walker, Health Services, and right, Ian Baguley, from Human Movement

Credit Union Scholarships provide twin benefits

When back in 1981 the Illawarra Credit Union decided to establish scholarships at The University of Wollongong, it adopted a highly innovative way of getting the maximum value from the funds available. Grants were made not directly to students but to University departments on a faculty basis, thus enabling them to employ scholarship winners part-time. The students worked with academics in research or teaching, thus having the double and simultaneous benefit of financial help and work experience.

Since introducing the scheme the Credit Union has increased its number of scholarships to the stage that this year 18 have been awarded. The expenditure so far by the Credit Union on this worthy cause—\$68,000.

The Scholarships are awarded on the basis of academic excellence. Students must have completed at least 48 credit points. Winners this year were:

Faculty of Arts

1. Ms P. Rosewall, English
2. Mr P. Guilloux, Creative Arts

Faculty of Commerce

1. Mr G. Mooney, Information Systems
2. Mrs L. O'Loughlin, Management
3. Mr Jeffrey Brown, Accountancy

Faculty of Education

1. Ms K. Hook, Education
2. Mr I. Baguley, Human Movement
3. Ms W. Stephens, Education

Faculty of Engineering

1. Mr M. Funcik, Materials
2. Mr J. Giddy, Electrical
3. Mr R. Milne, Mechanical

Faculty of Mathematics

1. Ms M. Edwards, Mathematics
2. Mr F. Merino, Computing Science
3. Mr A. Avagliano, Mathematics

Mr C. Douglass, Mathematics

Faculty of Science

1. Ms M. Hale, Chemistry
2. Mr S. Walker, Health Sciences
3. Mr O. Perez, Biology

The John Blake conference attracted distinguished mathematicians from all over Australia. John Blake will be recognised, fourth from left in the third row from the front

Rich, rousing farewell for John Blake

A one-day farewell conference for Professor John Blake took place at the University on June 16. Professor Blake has been at the University for almost ten years and during that time has been either Head of the Department of Mathematics or Dean of the Faculty of Mathematical Sciences. Before coming to the University he was Group Leader in Applied Mathematics at the CSIRO, Division of Mathematics and Statistics in Canberra. He leaves the University in July to become Head of the School of Mathematics at the University of Birmingham (England).

His contributions to the life of the University are well known. He is also extremely well known and well regarded by the nationwide Australian mathematical community. He has served in varying capacities for the Australian Mathematical Society, including a term as Chairman of the Division of Applied Mathematics. He is one of a handful of individuals who have been thoroughly entrenched in the development of Mathematics and Mathematical Education at all levels throughout Australia. His involvement in Australian

Applied Mathematics is such that it is difficult to imagine the scene without his presence and, especially in the present turmoil in education and science, Australia can ill afford to lose people of his calibre.

The conference was attended by over 50 participants, with speakers coming from as far as Melbourne, Newcastle and Canberra. The keynote address was given by Dr R. S. Anderssen from CSIRO, Division of Mathematics and Statistics, who is also associated with the Centre of Mathematical Analysis at the Australian National University and in addition runs a mathematical consulting company (IFSEE). The 'after-lunch' speaker was Dr N. De-Mestre, currently from the Department of Mathematics at the Australian Defence Force Academy but soon to move to Bond University. Dr De-Mestre plans to establish a mathematics teaching centre at Bond University based on his activities initially with QUESTACON and more recently with the National Science and Technology Centre.

All speakers expressed considerable enthusiasm at the opportunity to participate

in the conference, which reflects the high regard in which John Blake is held by the Australian mathematical community. Many of the speakers were either John's honours or PhD students or worked with him in a post-doctoral capacity. He has been associated with a number of clever and successful individuals including Stephen Lucas, who last year was awarded a University Medal and who is currently undertaking his PhD in the Department of Mechanical Engineering at Sydney University.

Many of the speakers commented on John's obvious enjoyment and enthusiasm for Science and Applied Mathematics and his capacity to communicate these qualities to others. His actions spring from a deeply rooted and profound scientific motivation and in making this move to Birmingham he undertakes a mission with attached risks which few of us would have the courage to emulate.

A University farewell dinner for Professor Blake was held on July 14.

J. M. Hill



Wollongong's Big Wet

If you have a feeling that this year has been wet, you are right. The first six months have been the wettest January-June period since the Wollongong University weather station began recording rainfall in 1972. This period has been the third wettest in Wollongong since 1870.

Only 1890 and 1950 were wetter.

So far this year the University has received 1377mm of rain, more than the yearly average. An unusual feature of this rain has been its consistency over time. Rain fell on 119 out of a possible 181 days, making it the rainiest first six months ever recorded in Wollongong.

The rainfall started on November 15 last year, drenched much of the north coast of NSW and flooded the interior of the continent. Lismore and Gympie both had their central business districts flooded twice. Three major floods have pashed down Coopers Creek filling Lake Eyre for the third time in a century (the other two were in 1974 and

1950). The rain was particularly persistent west of Broken Hill, one of the driest regions in the continent. There, Lake Frome filled for the first time ever. Fortunately, flooding did not occur in the Illawarra.

The heavy rainfall had little to do with Greenhouse. The rainfall was triggered by a sequence of climatic events that began as far back as May 1986, when warm ocean water moved from its normal location in the Coral Sea eastwards towards South America, beginning what is commonly termed an El Nino-Southern Oscillation event. As a result, December 1986 was dry in Australia.

Rainfall should have returned to normal in February 1987, as trade winds re-established, and warm surface waters were blown westwards again. Instead, the warm water didn't slosh back until April last year. In that month, Wollongong received more than 600mm of rainfall. Rather than climate settling into a normal summer pattern last November, rainfall simply 'turned on' as easterly trades continued to blow across

warm water carried down the coast by the East Australian Current. Water temperatures reached 26degC, 2deg warmer than average offshore from Wollongong. These trades intensified throughout the summer, becoming the strongest in 40 years.

The future prognosis? Fortunately, every time it rained heavily in May and June, ocean temperatures got cooler. Evaporating moisture draws heat from the ocean, which is then released into the atmosphere when condensing as cloud. This process also made our autumn warmer than usual. By June, ocean temperatures had dropped slightly below average, to 16-18degC. The rainfall simply killed the hand that fed it.

While there is no guarantee that the rainfall has ended, the climatic mechanisms responsible for rain over the past six months have, for the time being, disappeared.

Author of this article, Dr Ted Bryant, is a Senior Lecturer in Geography. In 1990 he will be introducing a new course at 2nd year entitled 'Climate process and change', reflecting an increasing awareness by the scientific community into the world's climate.

How violent is Australia?

... and how do we rate alongside other countries?

Lecturer in Sociology in The University of Wollongong, Mike Donaldson has been researching serious assault and killing in Australia. How do we rate in terms of crimes of violence in other countries? Below, from data provided to Mr Donaldson by the National Committee on Violence, the Australian Institute of Criminology and the Australian Institute of Family Studies; are a dozen facts which might be surprising to most Australians.

1. The vicious slaying of Anita Cobby and the Hoddle Street and Queen Street massacres make it clear that Australia is a more violent society now than it used to be.
False. National homicide rates (which include murder, infanticide and manslaughter) have been remarkably stable over the past 20 years. In NSW the homicide rate has not increased over the past 60 years. Less than a century ago Australia was a much more violent society than it is today. Rates of homicide were as much as ten times greater. Offences against the person are well down on what they were in the 1850s.

2. Australia is one of the most murderous countries in the developed world.
Australia has a homicide rate well below those of many other nations, including the USA, Canada and West Germany. New Zealand, Sweden and the UK all have lower rates than Australia. The National Committee on Violence concluded: 'Overall Australia is a relatively safe country and, in fact, Australians are at little risk of becoming the victims of violent crime'.

3. Most killing occurs in the big cities.
The rate of homicide in the Northern Territory is the highest in Australia and among the highest in the western world. The rate of gun homicides is 60 per cent higher in the country and the rate of family killings is significantly higher there.

4. Those who kill mostly do so in parks and city streets or in pubs and clubs or in gang brawls.
False. Of those who kill 45 per cent of the men, the largest single group, and 80 per cent of the women, kill at home.

5. Women out on the streets or on public transport at night are the category most likely to suffer rape.
False. Most women in this category are attacked by people they know in their own homes.

6. Most homicide victims are the victims of random violence.
False. Half of Australian homicides are the result of domestic violence.

7. Most bashed youngsters are victims of step-parents, new de-factos or single parents.
False. Children are more likely to suffer violence from their own parents than from anyone else. Forty per cent, the largest single

group, of abused children are living with both their biological parents at the time of the abuse.

8. Violence against children has been increasing lately.

False. The National Committee on Violence reports that violence against children 'appears to have decreased between 1975 and 1985'.

9. The best way to stop violent crime is to bring back capital punishment and increase jail sentences.

The United States, which has gone longest and farthest in the western world in its move toward using capital punishment and long prison sentences as a primary weapon against violent crime, continues to experience extremely high levels of violence. The US homicide rate has doubled between 1960 and 1980 and is four times higher than Australia's. The National Committee on Violence commented, 'The relatively simple and immediate

solutions provided by a criminal justice orientated response are unlikely to have any long-term impacts and may well run the risk of exacerbating the situation'.

10. Young people are responsible for more and more killings.

False. The proportion of homicides committed by Australia's youth is not increasing.

11. Murderers are insane.

False. Mental illness among homicide offenders is found to be no higher than in the population in general.

12. Most killers are criminals.

False. Few homicide offenders have had any previous criminal record involving any form of serious violent offence.

Compiled by Mike Donaldson of the Sociology Department at The University of Wollongong from data provided by the National Committee on Violence, the Australian Institute of Criminology and the Australian Institute of Family Studies.

SCRUM SAFETY AGAIN UNDER THE MICROSCOPE

The Australian and New Zealand Rugby Unions have provided \$14,000 for a further study into the biomechanics of rugby scrummaging techniques to be completed under the direction of Dr Peter Milburn in the School of Health Sciences. This comes in the wake of a study which supported the adoption of law changes designed to increase scrum safety. Since the adoption of these changes, there have been no serious scrum injuries in games played under these laws.

The present study will examine shearing forces experienced by front-row players under a variety of different scrummaging techniques. A series of piezo-electric force plates built into a scrum machine will detect the three orthogonal components of force experienced at engagements as well as the sustained forces on the hooker and props during the scrum.

It is anticipated that preliminary proposals regarding the safety of the scrum can be documented in time for the International Rugby Board's annual general meeting in April.

... and into training programs for netball players

Dr Karen Chad and Ms Julie Steele were recently awarded \$12,500 to undertake a research project entitled 'The relationship between physical requirements and physiological responses to match play and training

in elite netball players: the basis of a tailor-made training program'.

The study will involve an evaluation of the physical capacities of elite netball players as well as determination of the energy requirements of positional play during match conditions and training sessions. This will permit recommendations for individualised training programs, specific to netball, to be developed. The grant was awarded under the Applied Sports Research Program, funded by the Australian Sports Commission.

... and for fishing gear for the disabled

The same granting agency also awarded Mr Harry Fuller \$13,000 to design and develop fishing-tackle prototypes to increase the effectiveness and independence of disabled fishers. The target population involves disabled people who may possess a degree of strength and motor co-ordination but lack fine motor control in the hands and fingers. They find difficulty in using a rotary motion to wind in standard fishing reels, and manipulating standard drag-control mechanisms which allow the safe playing of fish. They consequently become discouraged by excessive tangling of lines.

The project is supported by the Australian Recreational and Sport Fishing Confederation and has secured the sponsorship of Alvey Reels Australia and John Dunphy Imports.

Graduate program in journalism

The introduction of a post-graduate program in journalism in 1990 has been approved by the University Council. The chair of the new school will be advertised later this year.

There is sound reasoning behind the move. Preliminary research and surveys of demand indicated a strong need for a comprehensive postgraduate course which would equip journalists to interpret and to report events realistically and analytically, and to be able to exploit to the full modern media techniques including television. While there are in Australia at present several institutions which offer undergraduate majors in journalism and related areas, there is still no graduate school of journalism in Australia.

Our University is well placed to take the initiative in the Illawarra. The city and the region offer a self-contained and comprehensive learning environment for the acquisition of reporting skills. Australia's major news organisations are all represented in Wollongong.

A postgraduate program would also tap and build on the skills of present members of the University's staff and fit well within current policies for future development. The major planning objectives arising from the 1989 Planning Conference included the further strengthening of professional education and training on campus. The conference also underlined the international image and commitment of the University, particularly in the countries around the Pacific rim.



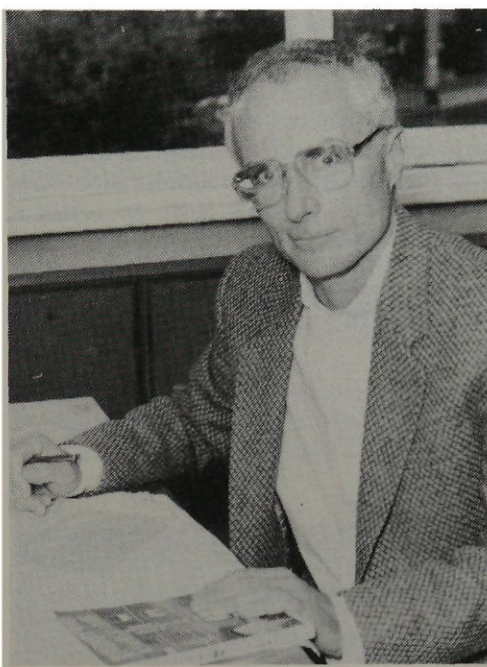
Inspecting Prime TV's state-of-the-art equipment to determine future needs on campus is the Vice-Chancellor, Professor Ken McKinnon. His guide, right, is Mr George Wood, Prime's News Director

... and Come Again Alex Buzo ...

Academics as well as students during the period from March 20 to the end of May enjoyed the rare and valuable experience of having on campus one of Australia's leading playwrights and novelists, Alex Buzo. As writer-in-residence at the School of Creative Arts, the author of such works as *Rooted*, *The Front Room Boys*, *Macquarie*, *Caroline Lansdown Says No* and *Martello Towers*, during his stay gave readings from his own *oeuvre*, conducted workshops and made himself available for talks with writers, 'theatre' people and especially students of writing and drama.

The range of Alex Buzo's work is, of course, extraordinary. He is more than a writer of prose. He is also a poet of some distinction and has directed on stage two of his own plays, *Norm and Ahmed* and *Martello Towers*, as well as, for examples, Jack Hibberd's *Trust Before the Hangman*, and Paul Hughes' *Care*.

In radio drama, his *File on the Road*, *Duff*, *In Search of a New Class*, *Eating in Singapore* and *The Big Whinge* were all successes when they were broadcast by the ABC.



Author, playwright, director—Alex Buzo

Dr Edgar Beale

Edgar Beale, a founding father of The University of Wollongong, died on Anzac Day, 25 April 1989, at the age of 72. Dr Beale was awarded an honorary degree by the University in 1977 as a token of appreciation for his advice on legal matters and his long service to the University.

He was a member of the Wollongong University College Advisory Committee which helped to establish the University. He was elected to the University's governing body, of first the College Council, then from 1975 the University Council; he remained a member until 1978. Dr Beale also helped in the

formation of the College, then the University Union; he was a member of its first Board of Management in 1965 and remained on the Board as Council nominee until 1977, on a number of occasions serving as President or Vice-President.

There are tangible signs of Dr Beale's regard for the University, in the books he donated to the Library and the valuable paintings on the walls of the Administration Building. The paintings have significance for the history of the Illawarra in the sea transport of the district's people and products.

Historian, lawyer, community worker and pioneer of The University of Wollongong, Dr Beale's name belongs in the University's honour roll.

'Outstanding book of the year'

Melanie Beresford, lecturer in South-east Asian History, has won an award from the North American *Choice* magazine for her book *Vietnam: Politics, Economics and Society*, published last year by Frances Pinter, London. *Choice*, which caters to librarians, reviews thousands of books each year and probably altogether receives as many as 25,000 titles. It selected Ms Beresford's book as an 'outstanding book of the year', one of only 200 to receive such a distinction.

The book is one of a series published by Pinter on 'Marxist Regimes' around the world. It is intended as an introductory text for undergraduates and covers the history of the communist party and the Vietnamese revolution, the social structure and political systems, economic problems in Vietnam today. Ms Beresford's second book, *National Unification and Economic Development in Vietnam*, will be published by Macmillan later this year.

Fine addition to University Permanent Collection

A gift of a carved wooden sculpture by the young Melbourne artist Benedict Lines (b 1962) to the University by Chandler Coventry, owner and director of the Coventry Gallery in Paddington, is now on display outside the Council Room in Administration. It makes a handsome addition to the three-dimensional works in the permanent Collection.

Chandler Coventry has for many years supported and exhibited young artists both from Australia and overseas. He has loaned work to the City of Wollongong Art Gallery, donated a large group of contemporary work to Armidale's fine Regional Gallery and helped raise funding to build it.

The University is delighted to receive his gift and acknowledges his generous support of art and living artists over many years.

John Eveleigh

Screen journals for English Department

The Department of English has welcomed a significant donation of screen journals from Sydney University's Mr Neville Petersen. A long-time film buff, Neville Petersen has developed a rare collection of *Sight and Sound* (1957-1984) and the *Monthly Film Bulletin* (1958-1984). The collection, meticulously kept and indexed, has been generously offered to the Department.

Neville Petersen's involvement with Wollongong University came about through his daughter, who recently took the screen and media subjects taught by Dr Laleen Jayamanne and Mr Maurie Scott.

The collection—part of which is already bound—will be catalogued and shelved in the New Literatures Research Centre, where students will be able to consult and work with the journals.



Adding to the Library's collection of screen journals is Sydney University's Mr Neville Petersen. On the right is Associate Professor James Wieland

Allan Sefton

Conservationist, steelworker, Allan Sefton was to have taken part in the May Graduation ceremonies. He was to have received from the University an Honorary PhD in recognition of his contribution to the Illawarra region.

He died on Tuesday May 2, after a brief battle with malignant melanoma. He was 68. Mr Sefton is survived by his wife, four sons and a daughter.

The citation to his degree (awarded posthumously) read, in part:

'You have made a distinctive contribution to the development of the Illawarra region through your involvement in the steel industry and through your unrelenting attempt to understand and record the variety of the local environment.'

Mr Sefton worked for 46 years at Port Kembla steelworks—in the electrical engineering design sectors. He was awarded a British Empire Medal, the Order of Australia and the Australian National History Medal—all in recognition of his love of nature and the environment.

He served the Illawarra National History Society as its president for seven years and was a member from the 1940s.

Management and IRIS to look at Small Business Decline and Turnaround

The Department of Management and IRIS, in a joint venture, have been successful in securing a \$40,000 contract with the NSW Department of Business and Consumer Affairs to investigate the causes of small-business decline and strategies for successful turnaround.

Professor Lowe and John McKenna will be responsible for the study and will be assisted by Dr A.B. Sim and Gary Tibbits.

The need for the study arises from a concern that while smaller firms have considerable potential in wealth creation and employment, they frequently fail or decline for a variety of circumstances—some of which are preventable. The causes of decline, and the actions successful firms make in turning around their organisation, are the focus of the study. The researchers will also be looking at forward indicators which can help predict failure, so that government can understand the impact some of its policies may have on this key sector of the economy.

An extraordinary Heretic

An extraordinary edition of the play, *The Heretic*, by Morris West, has been acquired by the University Library. Only 276 copies were produced by Isotome Press, which is dedicated to publishing limited editions of extremely fine quality. The Library copy is one of the 26 de-luxe copies bound in vellum.

The volume is hand bound and includes nine original lithographs and relief prints. All the illustrations are the work of Idris Murphy, who is a doctoral student in the School of Creative Arts and has a well-established reputation as an artist. His investigation of printing techniques which would ensure the faithful reproduction of his work, revealed that no Australian company had adequate facilities. The illustrations were consequently printed under Idris' supervision by Jacques Champfleury of Paris.

The volume is accompanied by individual copies of the illustrations. These signed, numbered prints will be framed and displayed in the Library as part of the University's permanent art collection.

Until the invention of the printing press, books were laboriously handwritten and

many were elaborately illustrated. These manuscripts are prized today as much as works of art as for the information they contain. Small presses such as Isotome continue this tradition. It is fitting that the Library should acquire books such as *The Heretic* at the same time as technologies such as compact disc and computer software are purchased.

The next project by Isotome Press will be the production of a five-volume series of drawings by Kevin Connor.

Commonwealth Writers Prize administration

The Commonwealth Writers Prize, which has previously been administered from England will this year be administered by William McGaw of the Department of English, in his capacity as Chairman of SPACLALS (South Pacific Association for Commonwealth Literature and Language Studies) in the New Literatures Research Centre at The University of Wollongong.

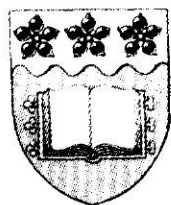
The Commonwealth Writers Prize, a major event in the 1989 world literary calendar, was established by the Commonwealth Foundation in association with Book Trust and the Royal Overseas League. It is designed to encourage and reward the upsurge in Commonwealth writing and to ensure that works of merit reach a wider audience outside their country of origin.

For the purposes of the Prize, the Commonwealth countries are divided into four regions: Africa, the Caribbean and Canada, Eurasia, South-east Asia and the South Pacific.

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The next Gazette

The next issue of the *University Gazette* is scheduled to appear towards the end of October. Deadline for material and pictures will be September 30.



... AND THE FRIENDS OF THE UNIVERSITY GRADUATES

Focus on The Friends

You may have noticed the change of title which made its appearance in our May-June issue of the *Gazette*. The Friends of The University of Wollongong Limited is an independent company. The membership of the Friends falls into two categories—the graduates and other community members or organisations. Only members of convocation may join the Graduates Group within the Friends. This is the only graduate organisation in existence at the University. This issue focuses attention on the development and activities of the Friends.

Background to the Friends of the University

In 1979 The University of Wollongong was a small, threatened campus, under the cloud of the *Williams Report* judgement that a university needed to have 3,000 students to be worth bothering about. Wollongong had 2,160.

After an overseas study tour by the then Registrar, Mr Ron Stewart, the University decided to appoint a Development Officer. The University did not have a clear idea of which direction it should take, other than that the Development Officer was to raise money, look after alumni and at the same time do all the things that the previous Information Officer did in the field of publicity and information.

The direction that was to end in the creation of the Friends of The University of Wollongong Ltd, on 1 December, 1980, was largely set by two eminent public figures—Mr Bob Hawke, then President of the ACTU, and Sir Roderick Carnegie, Chairman and Managing Director of CRA Ltd.

Footnote

Excerpt from a paper presented by Giles Pickford to the 1988 conference of Australian Institute of Tertiary Educational Administrators, at Macquarie University.

The University had decided to test on these two leaders its ideas about a major fund-raising drive with a two-year intensive campaign and a target of \$4 million.

Surprisingly, the two eminent gentlemen were unanimously opposed to the idea. They maintained that if it was Federal policy to contain the growth of the tertiary educational sector, then universities should accept the consequences and live within budgets.

When asked what universities should be doing to help themselves in these stringent times the response was that *Universities*

should be making themselves more accessible and more useful. If they did that then all the things you are looking for will follow.

At that moment the University redrew all its plans, took a new direction, and decided that rather than shaking the money-tree till the branches broke, it would grow an orchard instead.

Several meetings were then held with local citizens; and I should add that Sir Roderick and Mr Hawke were instrumental in encouraging interest in and attendance at these meetings. Without their help we would have been struggling to attract the notice of busy industrialists and community leaders.

Out of these meetings and discussions came an organisation, unique in Australian universities, called the Friends of The University of Wollongong Ltd.

The Friends modelled itself on the Hawke-Carnegie dictum of accessibility and usefulness. We created the Community Involvement Committee first and the consulting company Uniadvice second. Uniadvice became such a lucrative source of income for the Friends that it was decided in 1988 to hive it off into a separate company.

The Friends now occupy themselves solely with Community Involvement and the University's Graduates, who constitute 50 per cent of its membership.

Most people on campus are by now familiar with the sight of the Lawrence Hargrave memorial sculpture on the heights overlooking the University. The stainless steel creation was conceived by the Friends as a bicentennial project, designed by Bert Flugelman and constructed by Transfield. Funding came primarily from the Bicentennial Authority, the Friends and the Illawarra Mercury.



Report of the Chairman of Directors— The Friends

The annual accounts of the Friends of The University of Wollongong Ltd record all of the funds that the University provides to maintain the Friends organisation—but only a fraction of funds the members of the Friends provide to the University in return. This has always been the case and is a result of the Friends being a separate legal entity with a separate set of accounts. This means that donations, made directly to the University (as in the case of the undergraduate scholarships), or to the University through the Friends Trust Account, do not appear in the Friends' annual accounts.

It is, therefore, in my report to members, that the achievements of the Friends members can be more clearly understood.

From the time of its inception to December 1988, the Friends' members had donated a total of \$972,974.56. This is comprised of \$606,326.56 in cash, \$243,996 in kind and \$122,652 in service. I mention these global figures because they are the results of what I regard as Phase I of the development of the Friends organisation, a phase which ended in November 1988 with the departure of our first executive officer. Proposals of various kinds have been considered to restructure and revitalise the Friends' activities, and the recommendations of your Board on these matters will be considered by the members at this meeting.

In reviewing the year 1988, and the early part of this year leading up to the Annual General Meeting, I must make mention of the largest project ever undertaken by the Friends.

The Flugelman sculpture commemorating Lawrence Hargrave and the theme of flight has now been erected on the knoll between Mt Keira and the University. The Wollongong companies that have made this magnificent work of art possible are thanked by the Friends and by the University. They are led by the *Illawarra Mercury* and Transfield and they include the NSW Bicentennial Council and the Australian Bicentennial Authority, BHP Steel International, Brambles Equipment, Cleary Brothers, ARC Engineering, MM Metals, Illawarra County Council.

The total value of all donations in cash and kind exceeded \$145,000 with the *Mercury* contributing \$30,000 in cash, Transfield committing \$50,000 in men and machinery and the NSW Bicentennial Council and the Australian Bicentennial Authority donating a total of \$9,500.

The other funding attributable to Friends activities in 1988 include \$24,970 donated for undergraduate scholarships and \$2,797 donated to the Ethel Hayton Memorial Fellowship in Religious, Spiritual and Contemplative Studies. The Chopin Society, a sub-group within the Friends, deserves accolades for raising \$1,568 in 1988 and sending four young pianists from the Conservatorium of Music to compete in the National Chopin competition in Melbourne.

This would not have been possible without the help of the President, Mrs Kathleen O'Sullivan, and the Polish Country Club, which earned its life membership of the Friends in 1988. The Chopin in the Mall concert was also a great success, featuring visiting guest artist Marilyn Meier, a PhD student at the Conservatorium of Music.

I must also mention the voluntary work of the Senior Citizens group which, under the leadership of Eddy and Gwen Deighton, prepare the University's bulk mail. In 1988 they prepared for mailing over 600 copies of *Campus News* a week and over 32,000 *University Gazettes* and *Graduate Gazettes*, as well as the occasional one-off mailing for various University departments. Their efforts are truly appreciated and we thank them for their support and interest.

The work of the Graduates Group under the leadership of Bev Ring and Michael Arrighi has also advanced the relationship between the University and its alumni. The *Graduates Gazette* is written entirely by the Graduates Group and its response card is enabling our graduates to keep in touch with each other as well as with the University. The Graduates Group Book Fair and the Graduates Group Mini-Market raised \$2,500 during the 1988 University Open Day.

In 1988 we received our very first bequest from a dear Friends member, Ethel Hayton, who died in July. She did a lot to help bring the University into being in the late '50s and early '60s. Her bequest is being held in trust so that it can be added to the amount that the Friends are raising for her memorial fellowship mentioned earlier.

Other highlights of 1988 were the Common-

wealth Bank High Schools Chess Tournament; Senior Citizens' Day sponsored by the National Australia Bank and The University of Wollongong; the Accountancy Valedictory Dinner sponsored by local accountancy and stock-broking firms; and the Visiting Religious Scholars program with eminent speakers from the Anglican, Catholic and Buddhist groups within the Friends.

Finally, I wish to record my appreciation of the staff of the Friends office and in particular our first executive officer Giles Pickford, who has now left us to join the Australian National University. Giles has assisted in the creation of a number of groups which now form an integral part of the University scene, including the Illawarra Committee for Overseas Students, the Illawarra Regional Information Service, the Chopin Society, the Illawarra Enterprise Workshops, the Illawarra Planetarium Society, Theatre South, Uniadvice and the Patrons of the School of Creative Arts. I would like formally to record an appreciation of Giles' role in the creation of the Friends as it exists today and wish him well in his new position. Muriel Murada, as Friends Secretary, has been, and continues to be, the person who helps weld together all the various groups within the Friends.

Our new executive officer, Ms Juliet Richardson, will take up office on 19 June 1989, and I look forward with confidence to future development of Friends which I am sure will flourish under her guidance.

I commend this report to the members and ask for a motion for its adoption.

Professor P.D. Rousch
Chairman
29/5/89

FAREWELL TO FIRST EXECUTIVE OFFICER

Giles Pickford developed and implemented the concept of the Friends with tremendous enthusiasm and determination. He is a great initiator and motivator. Testimony to this is the lengthy list of satellite organisations contained in the report of the Chairman of Directors of the Friends.

Giles has presented papers on the Friends organisation to numerous conferences around Australia.

Giles also maintained a very active role in civic affairs. He was an Alderman of the Wollongong City Council from May 1985 until November 1988, when he started as Public Affairs Officer at the Australian National University, Canberra. Best wishes to him in this post.



Giles Pickford, Friends first executive officer.

Welcome to new executive officer



Juliet Richardson—Friends new executive officer.

Juliet Richardson has been appointed Executive Officer of the Friends of the University. A graduate of the University of Birmingham, where she majored in French, Juliet was employed initially in the Foreign and Commonwealth Office in London.

After moving to Australia in 1980, Juliet worked for several months in the administrative area at the University of New South Wales. She then joined the British Council in Sydney as Education Officer, promoting British education throughout Australia, and held this position for nearly six years. More recently she has been working as Executive Officer of the Continuing Education Centre of the Royal Australasian College of Physicians in Macquarie Street.

Juliet joins the Friends in their new location on campus in the Administration Building, within the Planning and Marketing Branch of the University. She will be assisting the Friends in their primary objectives of raising funds for the University and promoting the University in the community, and she will also be working to develop further the Graduate arm of the Friends.

If you've thought about joining the Friends or would simply like to find out more about their activities, why not call into their office or ring Juliet on 27 0073?

OFFICE BEARERS OF THE FRIENDS

Following the Annual General Meeting, representation is as follows

Board of Directors

Chairperson	Pro Vice-Chancellor	Lauchlan Chipman
	Vice-Principal (Administration)	Ken Baumber
	Chairperson of Graduates Group	Michael Arrighi
	Chairperson of Community Involvement Committee	Frank Arkell
	Two community members	John Bell
		Walter Jervis
	Two Council members	Susan Chapman
		Harold Hanson

Graduates Group

President	Michael Arrighi
Vice-President	Trevor Brew
Secretary	Audrey Heycox
Immediate Past President	Bev Ring

Community Involvement Committee

Chairperson	Frank Arkell
Specified Groups	
Aboriginal community	Carol Speechley
Ethnic Groups	Sultan Aly
Graduates	Michael Arrighi
Public Service	Michael John Ryan
Unions	Mervyn Nixon
Combined Service Clubs	Arthur Raymond
Industry and Commerce	Walter Jervis
Founders of University	Bill Fancourt
Religious Groups	Bill MacKenzie
University Staff, Students	Winifred Ward

Unspecified Groups

Frank Arkell
Winifred Mitchell
Peter Kell
John Bell
Pamela Bradley
Patsy Grew
Giulia Bonacina
Efrem Bonacina
George Ackaoui
Margaret Sales

OBJECTS OF THE FRIENDS OF THE UNIVERSITY OF WOLLONGONG

(Extracts from the Memorandum of Association)

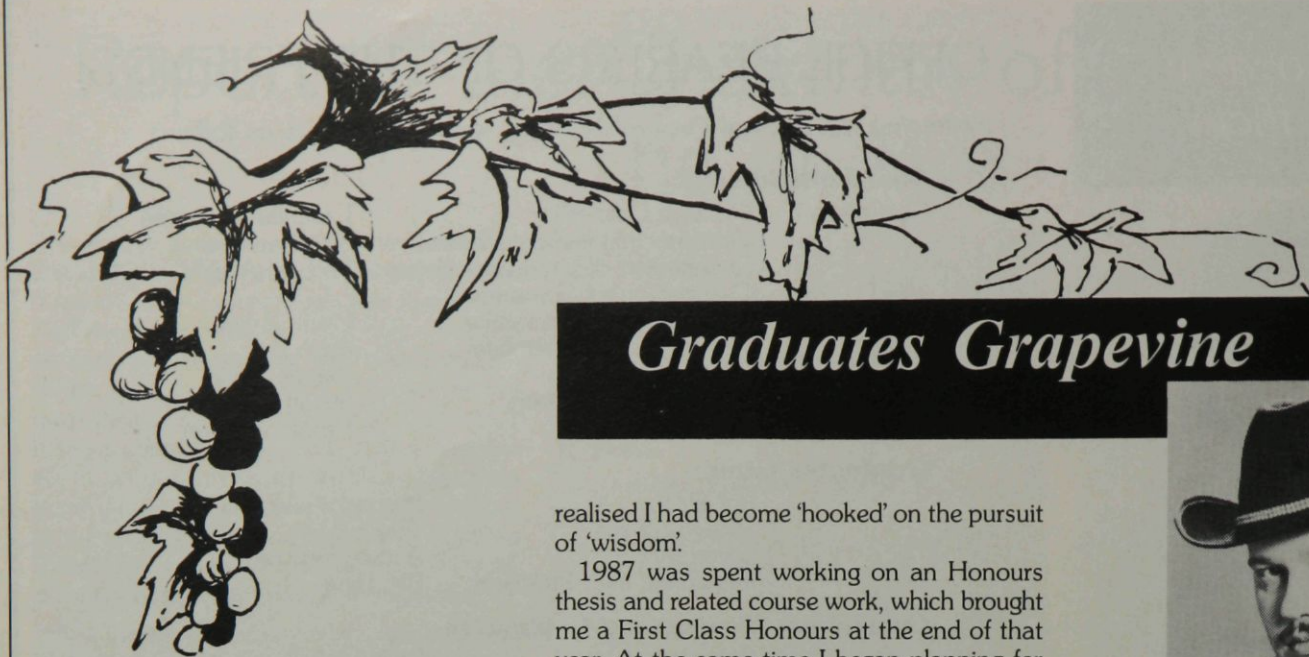
- to assist the . . . Council of the University . . . to preserve, develop and maintain the standard, position and facilities of the University.
- to create opportunities for the University to attract and retain the continuing interest and financial support of a concerned and interested group of past students, friends, staff and members of the community generally.
- to solicit donations and gifts to or for the benefit of the University.
- to attract and encourage bequests, legacies and all forms of deferred gifts to the University or the Company.
- to make donations to the University of such amounts and at such times as the Company may determine.

ABORIGINAL UNIT WINS ETHEL HAYTON TROPHY

The Ethel Hayton trophy is awarded annually to the individual who, or group which, has most fostered community-university relations. This year the Aboriginal Unit was honoured for their outstanding efforts in recent years. The presentation was made by the Chancellor, Mr Justice Hope on University Day, May 8. This preceded the address by the Right Honourable Michael Somare, Minister for Foreign Affairs of Papua New Guinea.

The Graduate Section

Deadline for copy and illustrations for the October issue of the Graduate section of the *University Gazette* will be September 15. Copy to the Editor, Bev Ring, c/o the Friends, The University of Wollongong.



Graduates Grapevine

1978

Ian Hester, BA Dip Ed

Ian has also completed a Graduate Diploma in Counselling. In 1988 he commenced a two-year contract as lecturer in developmental psychology at the University of Western Sydney, Nepean. Concurrently Ian is reading for a Masters in clinical psychology.



Ian Hester

1988

Margaret Denton, BA(Hons)

After completing the requirements for a Bachelor of Arts (double major: History and English Language and Linguistics) in 1986, I

Margaret Denton



realised I had become 'hooked' on the pursuit of 'wisdom'.

1987 was spent working on an Honours thesis and related course work, which brought me a First Class Honours at the end of that year. At the same time I began planning for a PhD.

Since January 1988 I have been engaged in research for a PhD thesis, the broad topic being 'Anglo-American Relations with Austria, 1945-1955'. This field, apart from the academic fascination it holds, is of great personal interest to me, as I was born in Vienna during the Allied occupation of Austria, and lived variously in the Russian, British and American sectors of that city.

I have so far spent several months, both in 1988 and 1989, doing research at the Public Record Office in London and the Austrian State Archive in Vienna.

I will be tutoring European history at Wollongong University from second session this year.



Victor Royer, writer, actor, producer.

1980

Victor H. Royer, BA(Hons)

From tinsel town, Victor reports his good news from the silver screen. He has been a resident of Hollywood since 1983. He commenced work as a writer for film and television, as well as songwriting and composing. Acting has been another facet of his career. Victor is now a television producer.

RESPONSE CARD

Tell us where you are, what you're doing . . . and please send a picture—black and white if possible and with good contrast.

Name (please print):.....

Address:

..... Postal Code:..... Country:.....

Home phone:..... Work phone:.....

Degree(s) held:..... Year(s) of Graduation:.....

Notes and news:

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(Use extra paper if necessary.)

I am happy for you to publish these details.

Please send to:

Bev Ring,
Friends of Uni. of Wollongong
P.O. Box 1144,
Wollongong 2500.

Signature

Date